

ABSTRACT

Biocompatible materials are propelled at the skin with sufficient velocity to cause desired resurfacing of skin layers to the desired penetration depth. The materials, such as dry ice or water ice, are harmonious with the human body and thus eliminate foreign body reactions. Various materials may be used in combination, including local anesthetics and vasoconstrictors in solid or liquid form. The biocompatible solid or liquid particles are suspended in a cold carrier fluid and propelled through an insulated delivery system to the surface of the skin. The treatment of diseased skin lesions may be accomplished using the present invention as a drug delivery system.